



NexGen Aircraft Trolley

Global Advanced Technology

Aug. 2025





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Value Creation

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Continuous Innovation



01. About Global

About Global



Aviation

Assy & Components for
Interior System - Seating & Cabin
Avionics
Structure



Communication Construction

Construction and Equipment for
High-speed Train, Metro,
Telecommunication



Head Quarter

Shanghai, China



Telecommunication

All Band Microwave PHD/SDH
Satellite Communication Parts



Cold Chain

Food Storage & Logistic Solution



Employees

1,500+



Aviation



STRUCTURE

Tail Wing
Transmission Gears



SEATING

First Class & Business Class
High Cosmetic & High Assembly



CABIN

Galley & Lavatory
Sheet Metal & Extrusion
Trolley



AVIONICS

Metallic Components of Computer
HUD, Camera

Facilities

SHANGHAI BAOSHAN (HEADQUARTER)



SHANGHAI JIADING (NEW HEADQUARTER)



◆ NG Facility

3-Year Investment Plan

LOCATION

Taicang, Jiangsu

AREA

2,100,000 square feet

STAFF

1,200 employees

TOTAL INVESTMENT

120 million USD

CONSTRUCTION STARTED ON AUG 2024





02. Next Generation Aircraft Trolley

Family Album

A Brand-New Flying Experience

Revolution Family



GB9100-103Q-02
Full Size

GB9100-102B-02
Half Size



UltraLight Family



GB9100-102Q-02
Full Size

GB9100-101B-02
Half Size



Technical Characteristics

	Revolution Trolley		Ultra Light Trolley	
Name	Full Size Cart	Half Size Cart	Full Size Cart	Half Size Cart
Type	GB9100-103Q-02	GB9100-102B-02	GB9100-102Q-02	GB9100-101B-02
Dimension	810*302*1030mm	405*302*1030mm	810*302*1030mm	405*302*1030mm
Empty Weight (with Dry Ice Tray)	17.8KG	10.8KG	17.1KG	10.4KG
Max Load Capacity	95.2KG	57.2KG	95.9KG	57.6KG
Statical load coefficient	10.05G upward/downward; 9.0G forwards/backwards/laterally			
Material	Extrusion Aluminum Alloy and Compositied Sandwich Panels			
Standard	ATLAS	ATLAS	ATLAS	ATLAS
Customization	Graphics & Silkscreen	Graphics & Silkscreen	Graphics & Silkscreen	Graphics & Silkscreen

Features

-Anti-slip design

-Anti-collision fitting

-Rounded curved
surface handle

-Composite sandwich panels
-Support customer branding
or advertising design

-Concealed pull handle
-Full-width integrated design
-Rebound design with low noise

-Dye anodizing extrusion

-Waterfall-like
microporous mesh texture

-Multiple interconnected
brake mechanisms

-Widened brake pedals



Qualification, Certificate & Patents

- ✓ **Certificate of Registration**
AS9100:D and ISO 9001:2015



- ✓ **CAAC Technical Standard**
Order Approval
(CTSOA)



- ✓ **Nadcap**
Chemical Processing



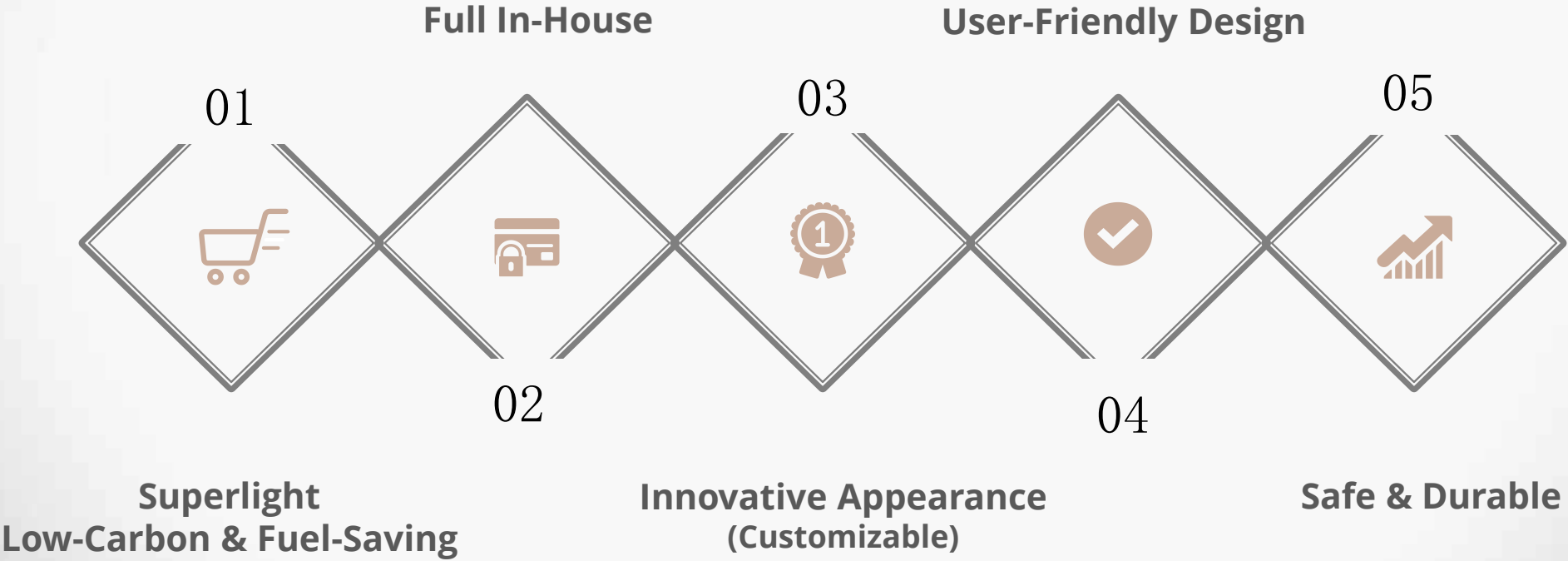
- ✓ **Appearance Design Patent**
- ✓ **Utility Model Patent**





03. Value Creation

Value Creation



Superlight

Weight Reduction with Performance Enhancement

**Traditional
Trolley**

Weight

22.5kg

Gen. I

**Weight
Reduction**

21%

Gen. II

**Weight
Reduction**

24%



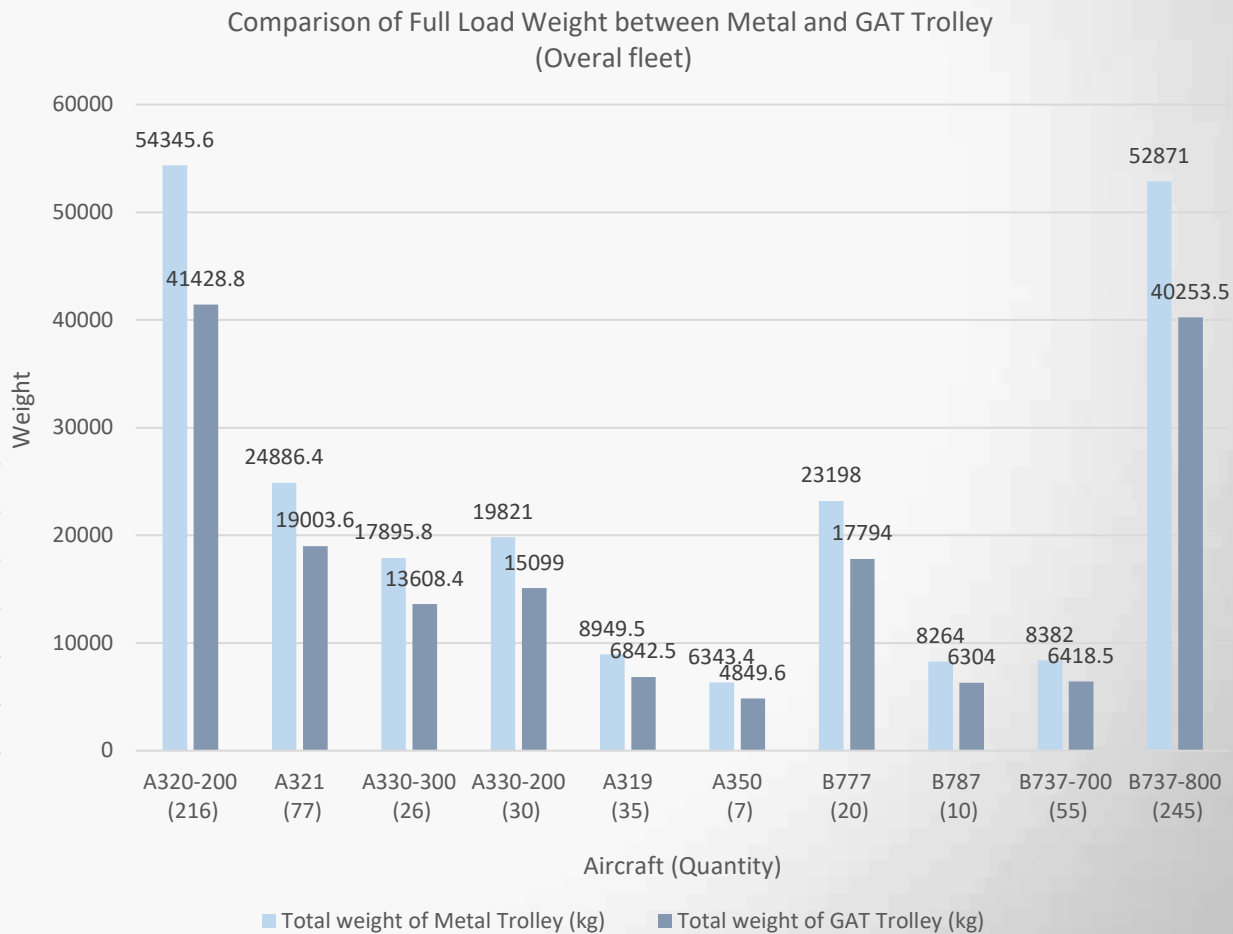
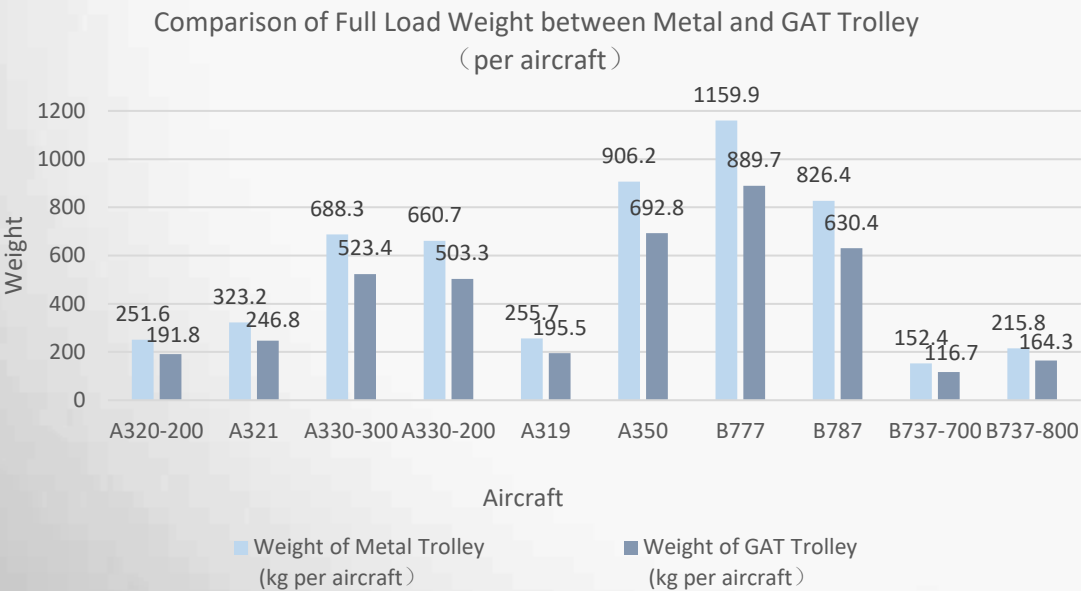
- Composite sandwich structures
- Lightweight design but retain strength
10.05G upward/downward
9.0G forwards/ backwards/laterally
- Enhanced impact resistance
- Easy to maneuver

Low-Carbon & Fuel-Saving

A More Economical Solution for Airlines

Example of benefits calculated based on the fleet of a Chinese airline

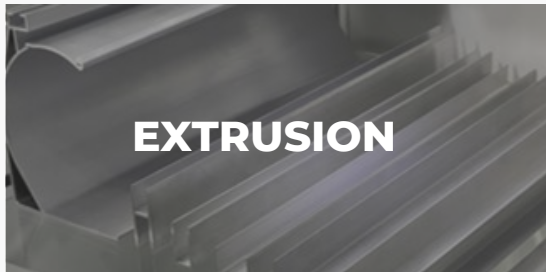
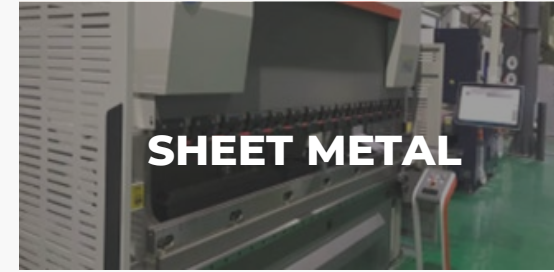
- **74 Kg** weight reduction per aircraft (average)
- **12,874 Tons** less CO2 per year
- **4100 Tons** annual fuel savings
- **US\$2,858,900** cost savings per year



Full In-House

Complete Industry & Expertise

- Quality assurance
- Controllable costs
- Stable and reliable lead time
- CAAC certified DER and DMIR
- Guaranteed after-sales service
- Sufficient spare parts inventory
- 24/7 availability



Innovative Appearance (Customizable)

Processing Technology

- Anodizing and sandblasting finishes
- Upscale dark champagne gold color
- Waterfall-like microporous mesh texture
- Customizable silk screen printing

What We Provide Are

- Innovative design & careful material selection
- Endures the rigors of daily use
- Enhanced experience to the cabin
- Supports customer branding or advertising design
- Medium for brand communication



**2023 Muse Design
Awards Gold Winner**



User-Friendly Design

Ergonomic Designed Handle

- Wrapped in silicone & an anti-slip design
- Comfortable grip and prevent slippage
- Rounded edges of the soft crossbeam

Multiple Interconnected Brake Mechanisms

- Enhanced sensitivity and stability
- Maximum reliability
- Widened pedals friendly to flight attendants wearing high heels

Excellent Noise Insulation Properties

- Composite materials offer significant advantages over metal alloys in reducing impact noise
- Superior thermal insulation, impact resistance, vibration reduction, sound absorption capabilities



Safe and Durable



Long-lasting Dependability

- Designed for greater durability and ergonomics
- High-performance composite materials
- Remarkable impact resistance
- Stable performance of braking
- Thoughtful design to prevent bumps or slippage
- Non-welding process for brake structure
- Designed for easy maintenance and repair to reduce downtime



➤ Revolution Trolley™ installed on COMAC C919 Galley

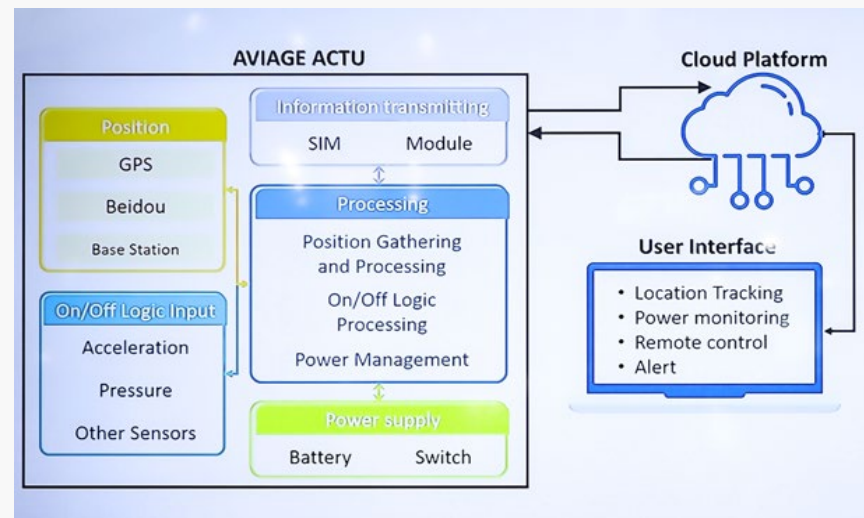


04. Continuous Innovation

Tracking Management



- Provides global real-time BEIDOU, GPS, and base station location information through IoT cloud platform based on the communication network
- Dual-logic mode ensure signal emission silence during flight
- Under CAAC certification



Gen. III

Diversity Family is coming soon

Even more lightweight with innovative design



A photograph of an airplane wing against a sunset sky. The wing is dark and silhouetted against a bright orange and yellow horizon. The sky transitions from a deep blue at the top to a lighter blue near the horizon. The wing extends from the right side of the frame towards the center.

THANK YOU